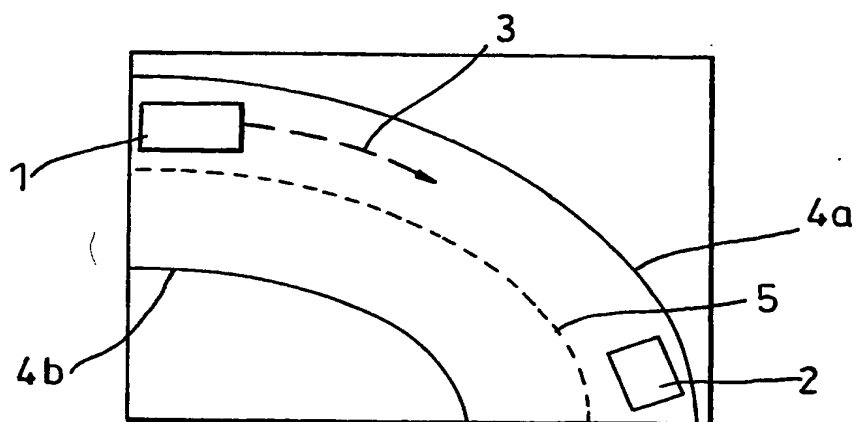
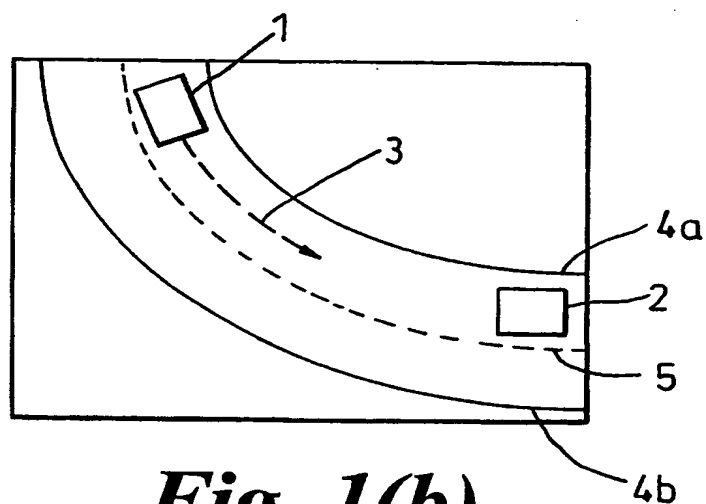
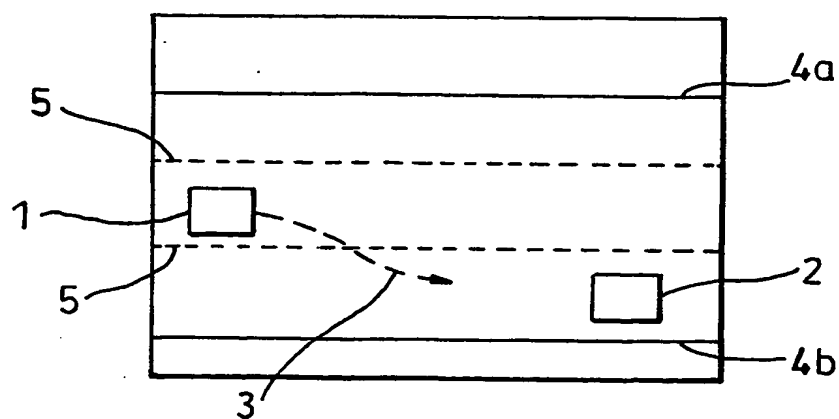
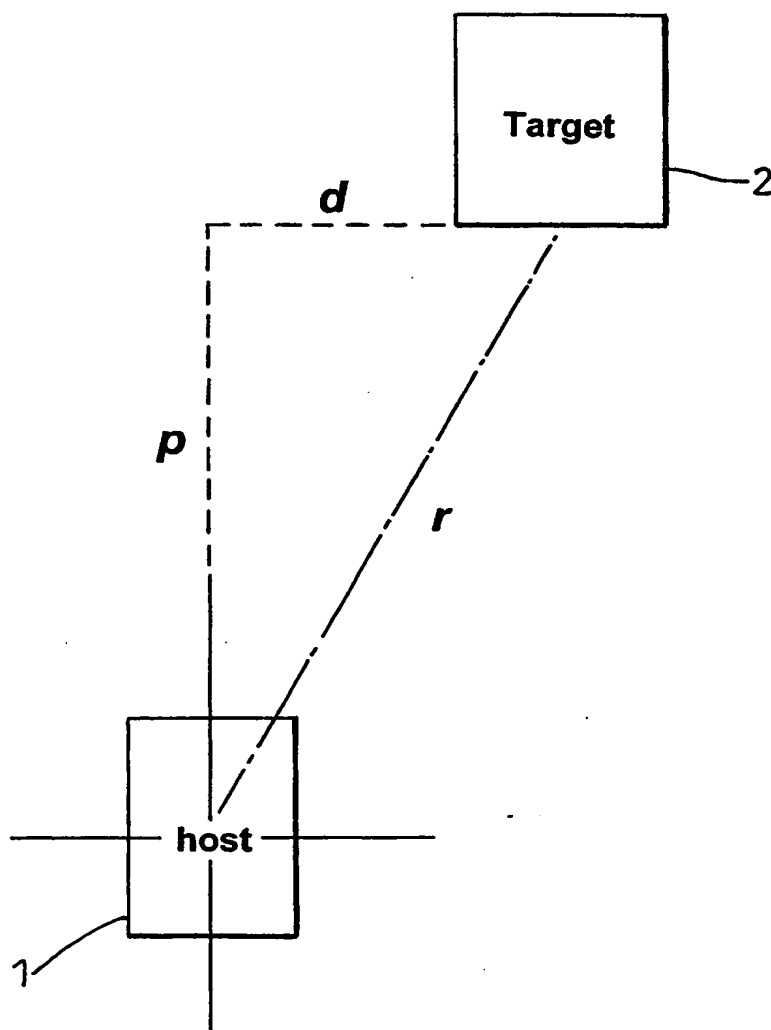


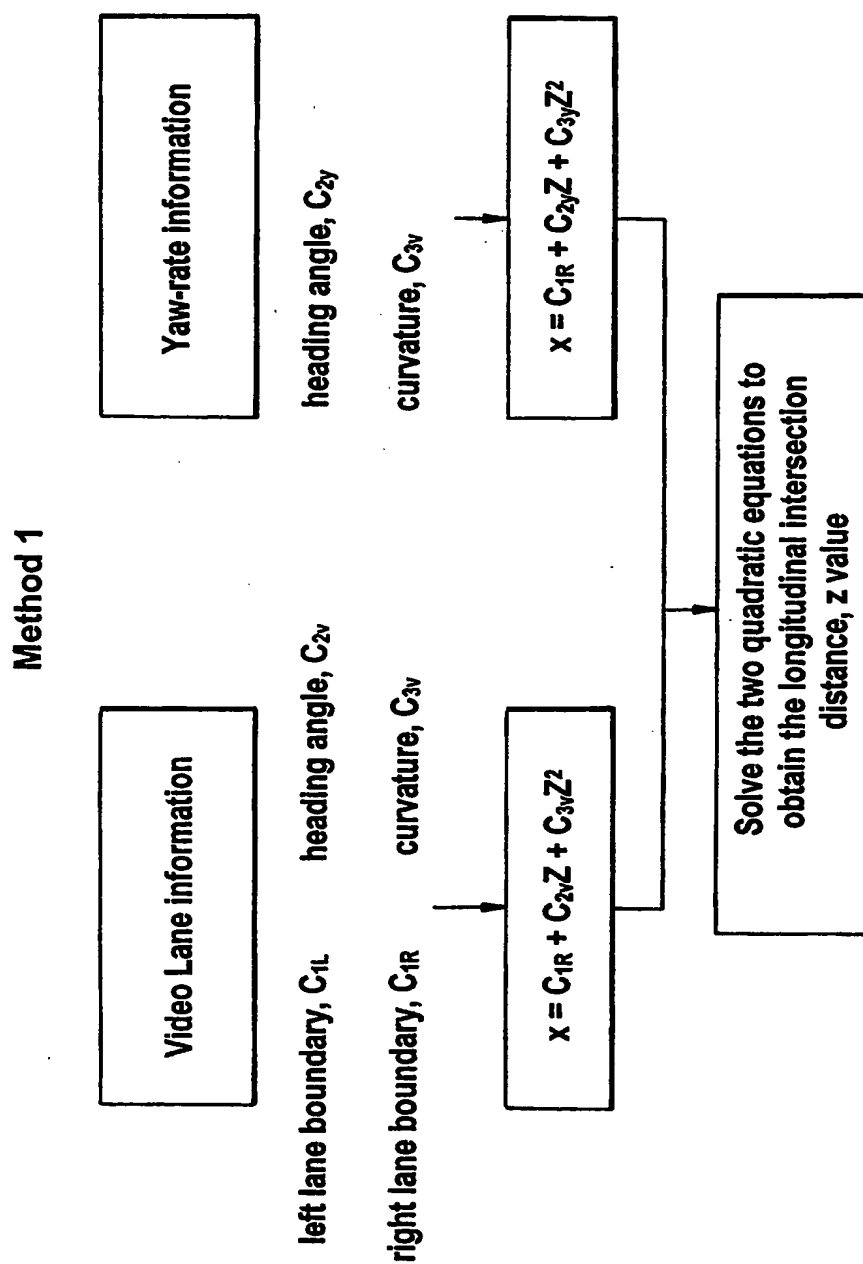
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**Fig. 1(a)****Fig. 1(b)****Fig 1(c)**

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***Fig 2***

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*Fig 3*

4/6**Method 2****Video Lane information****left lane boundary, C_{1L}** **heading angle, C_{2v}** **right lane boundary, C_{1R}** **curvature, C_{3v}**

**work out the longitudinal intersection
distance, z based on heading angle and
the lane boundary**

$$z = C_{1N} / \tan^{-1}(C_{2v}) \text{ where } n \text{ can be L or R}$$

Fig. 4

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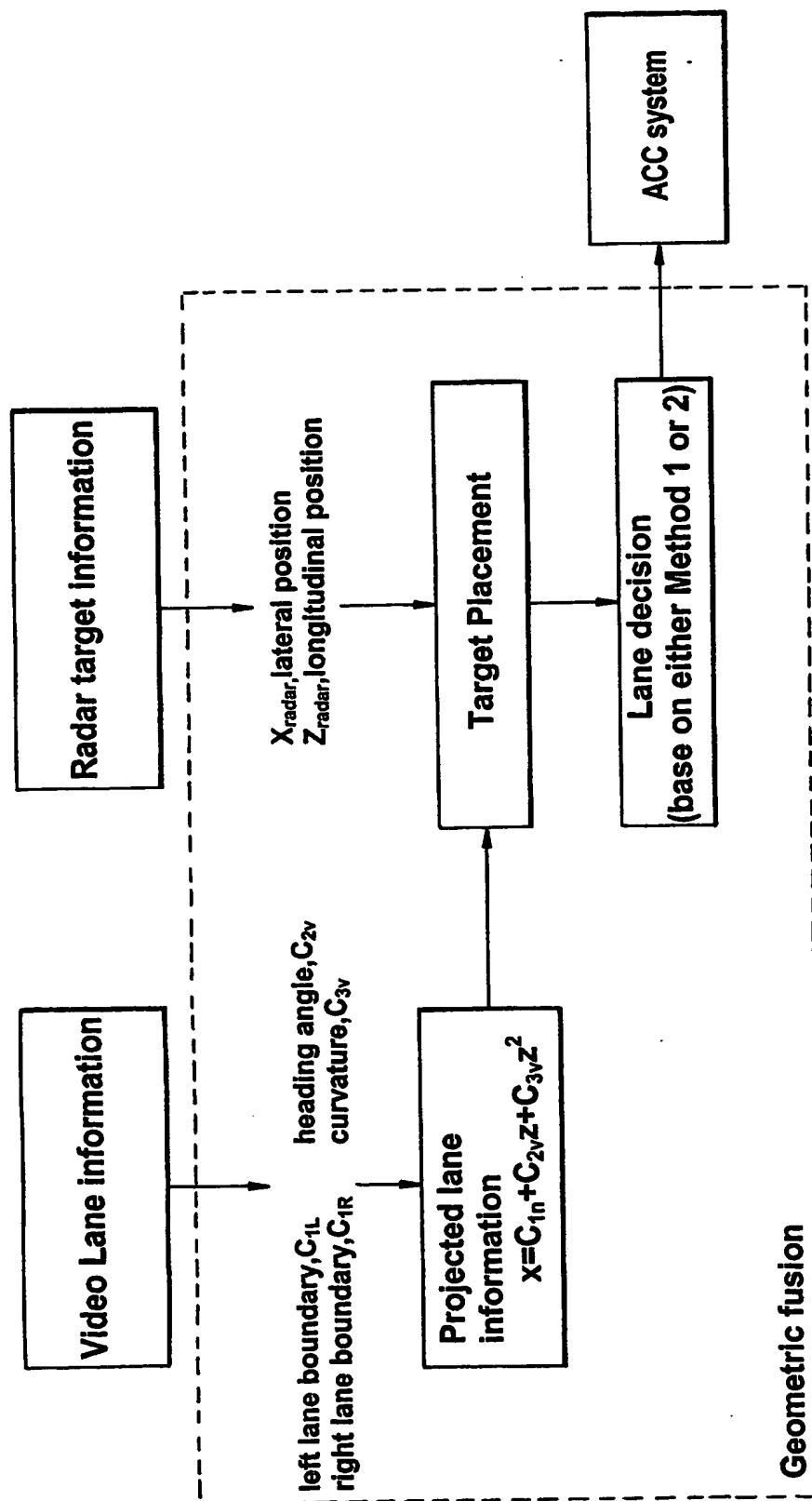


Fig 5

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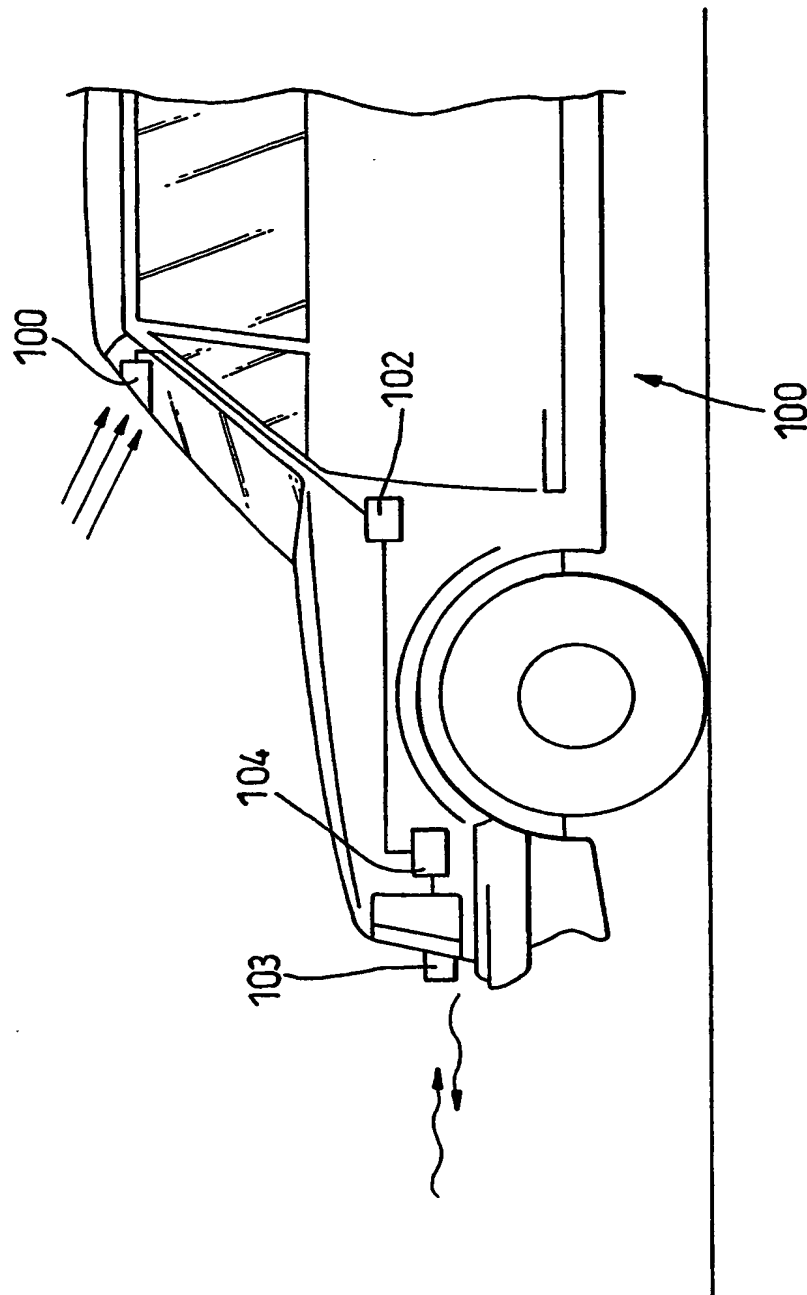


Fig. 6